

Converting Colors

CIELCh(69, 54.637, 328.529)

Have a look what the booklet for
CIELCh(69, 54.637, 328.529)
contains.

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Color

CIELCh(69, 54.637, 328.529)

Conversions

Conversions Part 1

Format	Color
Hex	E389DD
RGB	227, 137, 221
RGB Percent	89%, 54%, 87%
CMY	0.1106, 0.4635, 0.1341
CMYK	0.00, 0.40, 0.03, 0.11
HSL	304°, 61%, 71%
HSV	304°, 40%, 89%
XYZ	53.5567, 39.3444, 73.0380
YIQ	173.4860, 26.6760, 45.2040

Conversions

Conversions Part 2

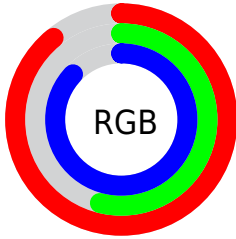
Format	Color
R _Y B	227, 137, 221
Decimal	14911965
CIE Lab	69.00, 46.60, -28.52
CIE LCh	69, 54.637, 328.529
Yxy	39.3444, 0.3227, 0.2371
Android (android.graphics.Color)	4293102045 (0xFFE389DD)
YUV	173.4860, 23.4244, 46.9318
Hunter-Lab	62.7251, 42.6400, -25.1306

Details

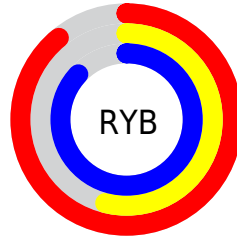
The CIELCh color $69, 54.637, 328.529$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $83, 54.733, 143.196$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 39.507, 325.796$, and $49, 54.890, 328.425$ is the 20% darker color. If you saturate the color by 10%, you get $65, 67.222, 329.064$, and if you desaturate by 10%, it is $74, 41.198, 327.969$.

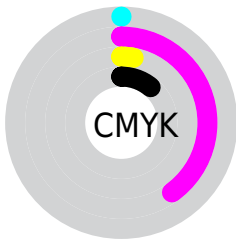
Distribution



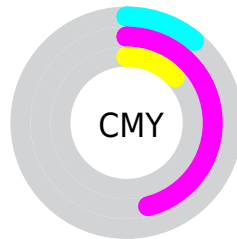
- Red (89%)
- Green (54%)
- Blue (87%)



- Red (89%)
- Yellow (54%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 54.637, 328.529 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 54.637, 328.529 by changing the saturation by 10% instead.

 69, 54.637,
328.529


 69, 54.637,
328.529


 100, 54.637,
328.529


 59, 54.637,
328.529


 89, 54.637,
328.529

 49, 54.637,
328.529

 99, 54.637,
328.529

 39, 54.637,
328.529

 29, 54.637,
328.529

 19, 54.637,
328.529

 9, 54.637, 328.529

 0, 54.637, 328.529

69, 54.637,
328.529

69, 54.637,
328.529

65, 67.222,
329.064

74, 41.198,
327.969

61, 78.431,
329.562

79, 27.344,
327.394

58, 87.690,
330.015

85, 13.393,
326.810

55, 94.498,
330.419

90, 0.437, 146.956

54, 98.586,
330.777

96, 14.003,
145.738

53, 100.271,
331.104

97, 16.333,
146.868

53, 100.313,
331.115

97, 15.722,
148.556

98, 15.124,
150.376

■ 98, 14.541,
152.338

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 54.637, 328.529



83, 54.733, 143.196

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 54.637, 328.529



69, 54.637, 18.529



69, 54.637, 148.529



69, 54.637, 198.529

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 54.634, 328.529



93, 18.292, 326.952



61, 50.731, 296.987



48, 12.141, 327.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 54.634, 328.529



73, 71.649, 328.993



68, 40.088, 350.654



44, 7.792, 326.796



41, 83.050, 331.063



8, 34.357, 330.563

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 54.634, 328.529



73, 71.649, 328.993



84, 37.699, 162.408



44, 7.792, 326.796



41, 83.050, 331.063



8, 34.357, 330.563

Previews

White Background



This preview shows how the CIELCh color 69, 54.637, 328.529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 54.637, 328.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

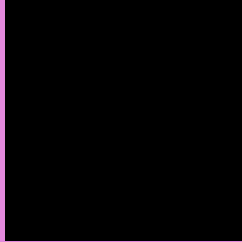
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 54.637, 328.529

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.637, 328.529.

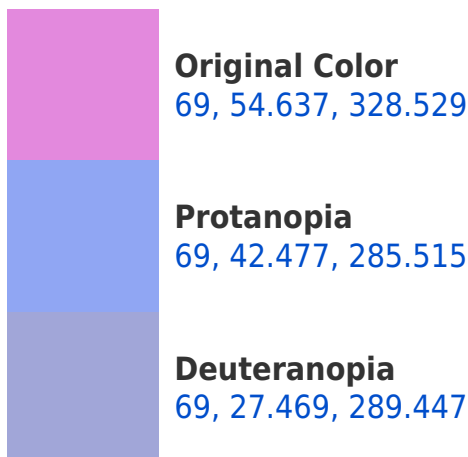


This preview shows how white text looks on a background with the CIELCh color 69, 54.637, 328.529.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
69, 28.327, 9.057

Trichromacy



Original Color
69, 54.637, 328.529



Protanomaly
68, 44.625, 302.147



Deuteranomaly
69, 36.288, 309.680



Tritanomaly
69, 35.289, 347.369

Monochromacy



Original Color
69, 54.637, 328.529



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 20.484, 327.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.637, 328.529 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 137, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 137, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 137, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 137, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.637, 328.529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

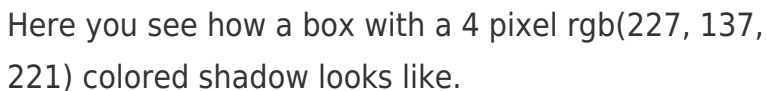
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 137, 221) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 137, 221) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(227, 137, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 137, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 137, 221); box-shadow:4px 4px 4px 4px rgb(227, 137, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.637, 328.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 137, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
137, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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